

IN THE CLAIMS:

The following claim listing will replace all prior claim listings.

1. - 42. (*Cancelled*)

43. (*New*) A metal foil of an iron, chromium, aluminum alloy having, on a weight basis:

greater than 2.5% but less than 5% Al,

greater than 17.5% up to a maximum 19% Cr,

at least 0.05 up to a maximum 0.6% Si,

greater than 0.01% up to 0.1% Y,

greater than 0.01% up to 0.1% Hf,

greater than 0.01% up to 0.2% Zr,

P in an amount up to 0.04%, and

S in an amount up to 0.01%; the remainder being Fe and customary impurities from the manufacturing process.

44. (*New*) The metal foil of claim 43 wherein the amount of aluminum is from greater than 2.5% up to and including 4.5%.

45 (New) The metal foil of claim 43 wherein the amount of aluminum is greater than 3% but less than 4%.

46. (New) The metal foil of any one of claims 43, 44, or 45 having a thickness of 50 μ m and a linear deformation < 4% after annealing at 1100° C for 400 hours.

47. (New) The metal foil of any one of claims 43, 44, or 45 wherein:

$$0.2\% \leq Y < 0.08\% \text{ and}$$

$$0.02\% < Hf < 0.06.$$

48. (New) The method of making the foil of any one of claims 43, 44, or 45 comprising the steps of:

melting the alloy,

performing casting by a method selected from ingot casting, continuous casting, and strip casting to obtain a casting

optionally subjecting the casting to hot deformation, cold deformation, or both, and

performing at least one annealing step.

49. (New) A component in the exhaust system of a vehicle powered by a Diesel or two-stroke engine wherein the component comprises the foil of claim 43.

50. (New) The component in the exhaust system of a vehicle powered by a Diesel or two-stroke engine that is a catalytic converter.

51. (New) The component in the exhaust system of a vehicle powered by a Diesel or two-stroke engine that is a heating conductor or resistance material for electrical preheating of an exhaust cleaning system of the exhaust system.